

Appl.No. 10/599,090  
Amdt.dated November 14, 2007  
Reply to Office action of August 14, 2007

## REMARKS/ARGUMENTS

Claims 1-2 stand rejected under 35 U.S.C. §102(b) as being anticipated by Box. In industry standard plural component dispensing terminology, first and second components of material such as a resin and catalyst are dispensed. For a 1:1 material which requires equal parts of first and second components, one might (for a sequential dispensing apparatus) dispense first 25cc of the first material and then 25cc of the second material forming a dose of 50cc, the dose being the total of the "slugs" of the first and second components.

Applicants' invention looks at whether a plurality of doses (not individual doses) are within the predetermined tolerance and adjusts the dose size accordingly as best seen in Figure 1. Box on the other hand does not adjust dose size but rather accounts and compensates for inaccurate measurement in each dose. In the example above, if the actual measured amount of the first component is the desired 25cc but the second component actual is 27cc, on the next dose, the second component dispense will be 23cc to compensate. At all times in the Box invention (which is produced by the assignee of this Application) maintains the same desired dose size unless manually adjusted by the operator.

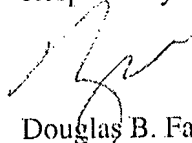
Applicants' invention is designed to address this need for manual dose size adjustment. The claims as amended distinguish over Box in that Box does not disclose or suggest several of the claimed limitations. In particular, Box does not adjust dose size but rather adjusts a component of the dose after each dose rather than analyzing a plurality of doses and adjusting accordingly. Also, Box does not compare the on and off ratio doses to a predetermined level of acceptability.

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Accordingly, it is respectfully submitted that the claims as amended patentably distinguish over the rejection of record.

Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Respectfully submitted,



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Attachments